

**PROPOSED**

[Issuance Date]

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

04-XXE CAB  
File No. 0547

Mr. Brian H. Smith  
President  
Northwest Demolition & Dismantling  
P. O. Box 230819  
Tigard, Oregon 97281

Dear Mr. Smith:

**Subject: Temporary Covered Source Permit (CSP) No. 0547-01-CT**  
**Northwest Demolition & Dismantling**  
**200 TPH Stone Processing Plant with 300 HP Diesel Engine**  
**and Triple-Deck Screener**  
**Located at: Various Temporary Sites, State of Hawaii**  
**Initially Located at: Hickam Air Force Base, Oahu**  
**UTM: 2,358,450 meters North and 607,880 meters East**  
**Date of Expiration: [Five Year Period from Issuance Date]**

The subject Covered Source Permit is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit is based on the plans, specifications, and information that you submitted as part of your application received on May 18, 2004. The two receipts for the application fee of \$1,000.00 are enclosed.

The Covered Source Permit is issued subject to the conditions/requirements set forth in the following Attachments:

Attachment I: Standard Conditions  
Attachment II: Special Conditions  
Attachment II - INSIG: Special Conditions - Insignificant Activities  
Attachment III: Annual Fee Requirements  
Attachment IV: Annual Emission Reporting Requirements

The forms for submission are as follows:

Annual Emissions Report Form: Stone Processing  
Annual Emissions/Monitoring Report Form: Diesel Engine - Hours of Operation and  
Fuel Certification  
Change of Location Request for a Temporary Source Form  
Form C-2: Compliance Certification

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Mr. Brian H. Smith  
[Issuance Date]  
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The following are for use in monitoring visible emissions:

- a. Visible Emissions Observations Form;
- b. Visible Emissions Form; and
- c. The Ringelmann Chart.

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Department of Health, or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

Sincerely,

THOMAS E. ARIZUMI, P.E., CHIEF  
Environmental Management Division

Cl:lk

Enclosures

c: CAB Enforcement Section

## PROPOSED

### ATTACHMENT I: STANDARD CONDITIONS TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT

[Issuance Date]

[Expiration Date]

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.  
  
(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be wilfully defaced, altered, forged, counterfeited, or falsified.  
  
(Auth.: HAR §11-60.1-6; SIP §11-60-11)<sup>2</sup>
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department of Health, except as provided in HAR, Section 11-60.1-91.  
  
(Auth.: HAR §11-60.1-7; SIP §11-60-9)<sup>2</sup>
4. A request for transfer from person to person shall be made on forms furnished by the Department of Health.  
  
(Auth.: HAR §11-60.1-7)
5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department of Health and the Regional Administrator for the U.S. Environmental Protection Agency (EPA).  
  
(Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)
6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department of Health, and the permit is amended to allow such deviation.

(Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)

7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and (b) shall not constitute, nor be construed to be an approval of the design of the covered source.

(Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1 and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

(Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

(Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Auth.: HAR §11-60.1-90)

13. This permit does not convey any property rights of any sort, or any exclusive privilege.

(Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department of Health in writing of the following dates:

- a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
- b. The **actual date of construction commencement** within fifteen (15) days after such date; and
- c. The **actual date of start-up** within fifteen (15) days after such date.

(Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department of Health to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department of Health copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health may require the permittee to furnish such records not only to the Department of Health but also directly to the U.S. EPA Administrator along with a claim of confidentiality.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department of Health in writing, of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:

- a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
- b. The expected length of time that the air pollution control equipment will be out of service;
- c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
- d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
- e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

(Auth.: HAR §11-60.1-15; SIP §11-60-16)<sup>2</sup>

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit,** the permittee shall immediately notify the Department of Health of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:
- Identification of each affected emission point and each emission limit exceeded;
  - Magnitude of each excess emission;
  - Time and duration of each excess emission;
  - Identity of the process or control equipment causing each excess emission;
  - Cause and nature of each excess emission;
  - Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
  - Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
  - A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

The submittal of these notices shall not be a defense to an enforcement action.

(Auth.: HAR §11-60.1-16; SIP §11-60-16)<sup>2</sup>

18. A copy of applicable correspondence or records submitted to the Department of Health shall be provided to the U.S. EPA Administrator.

(Auth.: HAR §11-60.1-90)

19. The permittee may request confidential treatment of any records in accordance with HAR Section 11-60.1-14.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

20. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

- a. Construction shall be commenced within eighteen (18) months after the permit takes effect, shall not be discontinued for a period of eighteen (18) months or more, and shall be completed within a reasonable time.
- b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The Department of Health may extend the time periods specified in Standard Condition No. 20 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department of Health.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

22. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

(Auth.: HAR §11-60.1-90)

23. All certifications shall be in accordance with HAR, Section 11-60.1-4.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

24. The permittee shall allow the Director of Health, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

- a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
- b. To sample or monitor at reasonable times substances or parameters to assure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

(Auth.: HAR §11-60.1-11, §11-60.1-90)

25. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of the facility covered by this permit**, the discontinuance shall be reported in writing to the Department of Health by a responsible official of the source.

(Auth.: HAR §11-60.1-8; SIP §11-60-10)<sup>2</sup>

26. Each permit renewal application shall be submitted to the Department of Health no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Department of Health may allow a permit renewal application to be submitted no less than six (6) months prior to the permit expiration date, if the Department of Health determines that there is reasonable justification.

(Auth.: HAR §11-60.1-101, 40 CFR §70.5 (a)(1)(iii))<sup>1</sup>

27. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

(Auth.: HAR §11-60.1-93)

28. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR, Section 11-60.1-86, the compliance certification shall be submitted to the Department of Health and the U.S. EPA Regional Administrator once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

29. **Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, Sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:**

Clean Air Branch  
Environmental Management Division  
State of Hawaii Department of Health  
P.O. Box 3378  
Honolulu, HI 96801-3378



**Upon request, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:**

**Chief  
Permits Office, (Attention: Air-3)  
Air Division  
U.S. Environmental Protection Agency  
Region 9  
75 Hawthorne Street  
San Francisco, CA 94105**

(Auth.: HAR §11-60.1-4, §11-60.1-90)

30. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received ("stamped") at the Clean Air Branch shall be used to determine the submittal date.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

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<sup>1</sup> The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup> The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II: SPECIAL CONDITIONS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

In addition to the Standard Conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

**Section A. Equipment Description**

1. This permit encompasses the 200 TPH stone processing plant and associated appurtenances:
  - a. 200 TPH Eagle Stone Processing Plant (Impactor Crusher), model no. 1000-15CV, serial no. 30008;
  - b. 300 HP John Deere Diesel Engine, model no. 6081HF001, serial no. RG6081H023213
  - c. 5' x 12' CEC Triple-Deck Screener;
  - d. Water sprays; and
  - e. Various conveyors (7).

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the impactor crusher, diesel engine, and triple-deck screener to show model no., serial no., and manufacturer. The identification tag or name plate shall be permanently attached to the equipment in a conspicuous position.

(Auth.: HAR §11-60.1-5)

**Section B. Applicable Federal Regulations**

1. The 200 TPH stone processing plant and other affected facilities are subject to the provisions of the following federal regulations:
  - a. 40 CFR Part 60 Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
  - b. 40 CFR Part 60 Standards of Performance for New Stationary Sources, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.670)<sup>1</sup>

2. The permittee shall comply with all applicable provisions of Subparts A and OOO, including all emission limits and all notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.90)<sup>1</sup>

**Section C. Emission and Operation Limitations, and/or Standards**

**1. Diesel Engine**

- a. The diesel engine shall be fired only on fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight.
- b. For any six (6) minute averaging period, the diesel engine shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during start-up, shutdown, or equipment breakdown, the diesel engine may exhibit visible emissions greater than twenty (20) but not exceeding sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minutes.
- c. The total operating hours of the diesel engine shall not exceed 3,500 hours in any rolling twelve (12) month period.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-32, §11-60.1-38, §11-60.1-90; SIP §11-60-24)<sup>2</sup>

**2. Triple-Deck Screener**

- a. The screener shall be operated only with the 200 TPH stone processing plant listed in Special Condition No. A.1. In no case shall the screener be operated with another stone processing plant.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**3. Fugitive Emission Limitations**

- a. The permittee shall not cause to be discharged into the atmosphere from any transfer point on the conveyors or from any other affected facility any fugitive emissions which exhibit greater than ten (10) percent opacity.
- b. The permittee shall not cause to be discharged into the atmosphere from the crusher any fugitive emissions which exhibit greater than fifteen (15) percent opacity.

(Auth.: HAR §11-60.1-3, §11-60.1-33, §11-60.1-90, §11-60.1-161, 40 CFR §60.672)<sup>1</sup>

**4. Fugitive Dust Control**

- a. The permittee shall take measures to control fugitive dust (e.g., wet suppression, enclosures, etc.) at all material transfer points and stockpiles; and throughout the workyard. The Department of Health (hereinafter, "Department") at any time may require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.

- b. The permittee shall not cause or permit fugitive dust to become airborne without taking reasonable precautions and shall not cause or permit the discharge of visible emissions of fugitive dust beyond the lot line of the property on which the emissions originate.
- c. The permittee shall not operate the crusher if observation or routine inspection of the water spray system, as required by Special Condition No. D.2.b., indicates there is a significant change in water flow rate or pressure, plugged nozzle, leak in the piping system, or other problem which adversely affects the efficiency of the water spray system. The permittee shall investigate and correct the problem before resuming operation.
- d. Water spray bars/nozzles shall be installed, operated, and maintained at the feeder opening of the impactor crusher.
- e. A water spray truck shall be maintained and utilized on the grounds of the facility to minimize fugitive dust. The Department at any time may require additional water sprays or manual water spraying at pertinent locations other than those listed above if an inspection indicates more fugitive dust control is needed.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-33, §11-60.1-90)

5. Maintenance

The stone processing plant, including the diesel engine, water spray system, and triple-deck screener shall be maintained in good operating condition with scheduled inspection and maintenance as recommended by the manufacturer or as needed.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

6. Relocation

- a. The operation of the equipment covered by this temporary covered source permit shall involve at least one (1) location change during the term of this permit. Subsequent location changes shall be in accordance with Attachment II, Special Conditions, Section F. For each change in location, the Department reserves the right to impose additional operational controls and restrictions if a site evaluation indicates that controls and/or restrictions are necessary.

(Auth.: HAR §11-60.1-3, §11-60.1-81, §11-60.1-91)

**Section D. Monitoring and Recordkeeping Requirements**

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes maintenance, inspection, calibration, and repair records of the permitted equipment. These records shall be in a permanent form suitable for inspection, and made available to the Department or their representative upon request.

**1. Operational Records**

**a. Stone Processing Plant**

- i. The permittee shall monitor the total amount of rock crushed on an annual basis for submittal with annual fees.
- ii. The permittee shall maintain records on source performance test plans, summaries, and results for the stone processing plant.

**b. Diesel Engine**

- i. Fuel purchase receipts, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered to the site shall be maintained. Fuel sulfur content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received.
- ii. A non-resetting hour meter shall be installed, operated and maintained to indicate the total hours of operation of the diesel engine.
- iii. Monthly records of the beginning hour meter reading shall be maintained. The total hours of operation shall be calculated and recorded on a monthly and 12-month rolling basis.
- iv. The permittee shall monitor the total fuel consumed (gallons) on an annual basis for submittal with annual fees.
- v. The permittee shall maintain records on monthly and annual V.E. observations monitoring results.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. Water Spray System

- a. A water pressure gauge or flow meter shall be installed, operated, and maintained to establish and monitor normal operating pressure (psi) and/or flow rate (gpm) of the water spray system.
- b. The water spray system, including the water pump, piping system, spray nozzles and any gauges shall be checked routinely or at least once a month to ensure proper operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

3. Visible Emissions (V.E.)

- a. Except in those months when V.E. observations are conducted by a certified reader for the annual observations of the diesel engine, the permittee shall conduct **monthly** (*calendar month*) V.E. observations in accordance with 40 CFR Part 60, Appendix A, Method 9 or by use of a Ringelmann Chart as provided. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*. For the V.E. observations, the observer shall comply with the following additional requirements:
  - i. The distance between the observer and the emission source shall be at least three (3) stack heights, but not more than 402 meters (0.25 miles); and
  - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive or point source emissions. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.
- b. The permittee shall conduct **annual** (*calendar year*) V.E. observations for the diesel engine by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9. For the annual observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.
- c. Except in those months when a performance test is conducted pursuant to this Attachment, Section G, the permittee shall conduct **monthly** (*calendar month*) V.E. observations of the 200 TPH stone processing plant. Observations shall be made at emission points subject to an opacity limit, and shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 9, or by use of a Ringelmann Chart as provided. For each monthly observation, the permittee shall record two (2) consecutive observations, each six (6) minutes in duration with readings taken at fifteen (15)

second intervals. For the visible emission observations of fugitive emissions from the affected processing points, the observer shall comply with the following additional requirements:

- i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet), but not greater than 402 meters (0.25 miles);
  - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive or point emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
  - iii. The observer shall record the operating capacity (ton/hr) of the impactor crusher at the time the observations were made.
- d. The Department may allow observation of a portion of the total emission points at the 200 TPH stone processing plant if it can be demonstrated that operations have been in compliance with the permit. At a minimum, at least three emission points from the stone processing plant operation shall be observed each month. The selected points shall include the impactor crusher, a transfer point, and the triple-deck screen; or those points as specified by the Department. Each month, the observed transfer point shall be rotated so that every transfer point is eventually observed.
- e. Upon written request and justification by the permittee, the Department of Health may waive the requirement for a specific annual V.E. observation of the diesel engine. The waiver request is to be submitted prior to the required annual V.E. observation and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior V.E. observations indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous annual V.E. observation.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

#### 4. Performance Testing

An initial and annual source performance test thereafter shall be conducted on the stone processing plant operation pursuant to Attachment II, Section G.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

5. Inspection and repair log.

The permittee shall maintain records on any inspections/maintenance/repair work conducted on the stone processing plant, including the diesel engine, triple-deck screener, and water spray system. At a minimum, these records shall include:

- a. The date of the inspection/maintenance/repair work;
- b. A description of the findings and any work performed on the equipment covered by this permit; and
- c. The name and title of personnel performing inspection/work.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

**Section E. Notification and Reporting Requirements**

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17 and 25, respectively:

- a. *Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up;*
- b. *Intent to shut down air pollution control equipment for necessary scheduled maintenance;*
- c. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and*
- d. *Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.*

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, §11-60-16)<sup>2</sup>

2. The permittee shall report (in writing) **within five (5) days** any deviations from the permit requirements, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventative measures taken. Corrective actions may include a requirement for additional source testing, more frequent monitoring, or implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)



3. At least **thirty (30) days prior to conducting a source performance test** pursuant to this Attachment, Section G, the permittee shall submit to the Department a test plan in accordance with Attachment II, Special Condition No. G.3, indicating the date(s) of the scheduled performance test for the facility and the locations of the visible emissions readings.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §60.8)<sup>1</sup>

4. Written reports of the results of all source performance tests conducted to demonstrate compliance shall be submitted to the Department of Health **within sixty (60) days after the completion of the performance test** and shall be in conformance with Attachment II, Special Condition No. G.6.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

5. Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department of Health, Form C-2: *Compliance Certification* pursuant to HAR Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

- a. The identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status;
- c. Whether compliance was continuous or intermittent;
- d. The methods used for determining the compliance status of the source currently and over the reporting period;
- e. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a) (3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act; and
- f. Any additional information as required by the Department of Health including information to determine compliance.

*The compliance certification shall be submitted **within ninety (90) days after the end of each calendar year**, and shall be signed and dated by a responsible official or authorized representative.*

*Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department of Health determines that reasonable justification exists for the extension.*

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

6. Monitoring Reports

The permittee shall submit **semi-annually** the following reports to the Department of Health. The reports shall be submitted **within sixty (60) days after the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31)** and shall include the following:

- a. Diesel Engine
  - i. The total hours of operation on a monthly and 12-month rolling basis.
  - ii. The type of fuel fired by the diesel engine generator during the respective reporting period. Include the maximum sulfur content (percent by weight) of the fuel.
  - iii. Any opacity exceedances as determined by the required V.E. monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there were no exceedances, the permittee shall submit in writing a statement indicating that there were no exceedances for that semi-annual period.
- b. Impactor Crusher, Conveyors, and Triple Deck Screener
  - i. Any opacity exceedances as determined by the required V.E. monitoring. Each exceedance reported shall include the date, possible reason for exceedance, and corrective actions taken. If there were no exceedances, the permittee shall submit in writing a statement indicating that there were no exceedances for that semi-annual period.

The enclosed Monitoring Report Form(s): *"Diesel Engine - Operating Hours and Fuel Certification,"* and *"Visible Emissions,"* shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-33, §11-60.1-90)

7. Annual Emissions and Annual Fees

As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall report **annually** the total tons/year emitted of each regulated pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. The Monitoring Report Form(s): *"Diesel Engine - Operating Hours and Certification"* and *"Stone Processing"* shall be used.

Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

**Section F. Change of Location Requirements**

1. The permittee shall complete and submit information for all succeeding location changes to the Department of Health for approval **at least thirty (30) days**, or such lesser time as designated and approved by the Department of Health, prior to the change in location. The information submitted shall include the following:
  - a. Name, address, and phone number of the facility and the plant site manager or other contact;
  - b. Temporary covered source permit number and expiration date;
  - c. Location map of the new temporary location containing the following information:
    - 1) Identification of the property and fence lines;
    - 2) Location of all structures within 325 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment; and
    - 3) List of equipment and sketch of plant configuration;
  - d. Projected dates of operation at the new location;
  - e. Certification that no modification will be made to the equipment, and operational methods will remain similar as permitted under this temporary covered source permit at the new location;
  - f. Any other air pollution sources owned and operated by the permittee at the new location; and
  - g. Any additional information as requested by the Department of Health.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

2. The applicable filing fee shall be submitted to the Department of Health with each change in location request.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

3. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91. For each change in location, the Department of Health may impose additional operational controls and restrictions if a site evaluation indicates the controls and/or restrictions are necessary.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

4. The operation of the stone processing plant shall be temporary and involve at least one change in location during the term of this temporary covered source permit. If the stone processing plant operation remains in any one location for longer than twelve consecutive months, the Department of Health may request an ambient air quality impact assessment of the source.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

5. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

6. All the information required in this section shall be submitted to the Department of Health using the attached form, "Change of Location Request for a Temporary Source."

(Auth.: HAR §11-60.1-3, §11-60.1-91)

#### **Section G. Testing Requirements**

##### **1. 200 TPH Stone Processing Plant**

- a. **Within sixty (60) days after** achieving the maximum production rate at which the stone processing plant will be operated, but **not later than one-hundred eighty (180) days after** the initial start-up, and **annually** thereafter or at other times as specified by the Department, performance tests shall be conducted on the stone processing plant for visible emissions of opacity at each point subject to an opacity limit.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR § 60.675, SIP § 11-60-15 )<sup>1</sup>

- b. Performance test for the determination of opacity shall be conducted by a certified reader using Method 9 of 40 CFR Part 60, Appendix A and the procedures of 40 CFR § 60.11. In addition, the observer shall comply with the following requirements:

- i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet), but not greater than 402 meters (0.25 miles); and
- ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position, relative to the sun, of Method 9, Section 2.1, shall be followed.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR § 60.675)<sup>1</sup>

3. **At least thirty (30) calendar days prior** to performing a test, the owner or operator shall submit a written performance test plan to the Department of Health that includes date(s) of the test, test duration, test locations, test methods, source operation, locations of visible emissions readings, and other parameters that may affect test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A test plan or quality assurance plan that does not have the approval of the Department of Health may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

4. The permittee shall provide sampling and testing facilities at its own expense. The tests shall be conducted at the maximum expected operating capacity of the stone processing plant. The Department of Health may monitor the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

5. Any deviations from these conditions, test methods or procedures may be cause for rejection of the test results unless such deviations are approved by the Department of Health before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

6. **Within sixty (60) days after** the completion of the performance test, the permittee shall submit to the Department of Health the test report which shall include the operating conditions of the equipment at the time of the test (e.g., operating rate in tons/hour, water spray gauge pressure or flow rate, etc.), the summarized tests results, comparative results with the permit emission limits, and other pertinent support calculations, and field and laboratory data.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

7. Upon written request and justification, the Department of Health may waive the requirement for, or a portion of, a specific performance test. The waiver request is to be submitted prior to the required test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior performance test indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous test.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

#### **Section H. Agency Notification**

1. Any document (including reports) required to be submitted by this Temporary Covered Source Permit shall be done in accordance with Attachment I, Standard Conditions, Condition 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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<sup>1</sup> The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup> The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II - INSIG: SPECIAL CONDITIONS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT  
INSIGNIFICANT ACTIVITIES**

**[Issuance Date]**

**[Expiration Date]**

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

**Section A. Equipment Description**

This attachment encompasses insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions apply.

(Auth.: HAR §11-60.1-3)

**Section B. Operational Limitations**

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2 for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department of Health may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

**Section C. Monitoring and Recordkeeping Requirements**

1. The Department of Health reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. All records shall be maintained for at least five (5) years from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be in a permanent form suitable for inspection and made available to the Department of Health or their authorized representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

CSP No. 0547-01-CT  
Attachment II - INSIG  
Page 2 of 2  
[Issuance Date]  
[Expiration Date]

**Section D. Notification and Reporting**

Compliance Certification.

During the permit term, the permittee shall submit at least **annually** to the Department of Health, Form C-2: *Compliance Certification* pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include at a minimum the following information:

- a. The identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status;
- c. Whether compliance was continuous or intermittent;
- d. The methods used for determining the compliance status of the source currently and over the reporting period; and
- e. Any additional information as required by the Department of Health including information to determine compliance.

**In lieu of addressing each emission unit as specified in the Compliance Certification form, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.**

The compliance certification shall be submitted **within ninety (90) days after** the end of each calendar year, and shall be signed and dated by a responsible official or authorized representative.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department of Health determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

**Section E. Agency Notification**

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment 1, Standard Condition No. 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)



**PROPOSED**

**ATTACHMENT III: ANNUAL FEE REQUIREMENTS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
  - a. Within **sixty (60) days after** the end of each calendar year; and
  - b. Within **thirty (30) days after** the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and submitted on forms furnished by the Department of Health.
4. The annual fees and the emission data shall be mailed to:

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**Clean Air Branch  
Environmental Management Division  
Hawaii Department of Health  
P.O. Box 3378  
Honolulu, HI 96801-3378**

**PROPOSED**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

1. Complete the attached forms for **Diesel Engines: Hours of Operation and Fuel Certification, Stone Processing**.
2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department of Health within **sixty (60) days after** the end of each calendar year and shall be mailed to the following address:

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**Clean Air Branch  
Environmental Management Division  
Hawaii Department of Health  
P.O. Box 3378  
Honolulu, HI 96801-3378**

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health upon request.
4. Any information submitted to the Department of Health without a request for confidentiality shall be considered public record.
5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information by submitting a written request to the Department of Health and clearly identifying the specific information that is to be accorded confidential treatment.

**PROPOSED**

**ANNUAL EMISSIONS REPORT FORM  
STONE PROCESSING  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]****[Expiration Date]**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

**(Fill out a separate form for each location)**

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: Northwest Demolition & Dismantling

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Serial/ID No.: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): \_\_\_\_\_

\_\_\_\_ Title: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

	Type of Operation	Tons of Material (tons/year)	Air Pollution Control Measures in Use	Control Efficiency (% Reduction)
1.	Raw material entering primary crusher.	_____	_____	_____
2.	Process material entering secondary crusher.	N/A	_____	_____
3.	Process material entering tertiary crusher.	N/A	_____	_____
4.	Process material entering fine mill.	N/A	_____	_____

**Additional Information:**

1. Number of Stockpiles \_\_\_\_\_ Control Measure \_\_\_\_\_ % Reduction \_\_\_\_\_
2. Tons/hour of material entering primary crusher \_\_\_\_\_ tons/hr.

*\*Use the following Control Efficiencies, unless documentation is available to show otherwise:*

1. Baghouses: 99%
2. Water sprays, Damp Material, or Shroud: 70%
3. Wet Slurry: 100%

*Efficiency factors may be reduced by the Department of Health, if there are any indications that a source's air pollution control device is not operating at the specified efficiency.*

**ANNUAL EMISSION/MONITORING REPORT FORM  
DIESEL ENGINES - HOURS OF OPERATION AND FUEL CERTIFICATION  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT  
(PAGE 1 OF 2)**

**[Issuance Date]****[Expiration Date]**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

**(Fill out a separate form for each location)****(Make Copies for Future Use)**

For Period: \_\_\_\_\_

Date: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as Horsepower, kilowatt, tons/hour, etc.)

Serial/ID No.: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

**HOURS OF OPERATION**

Month	300 hp Diesel Engine	
	Monthly Total (hrs)	Rolling 12-Month Total (hrs)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

**ANNUAL EMISSION/MONITORING REPORT FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT  
(CONTINUED, PAGE 2 OF 2)**

**Fuel Certification and Usage:**

Equipment	<sup>a</sup> Annual Fuel Usage (gallons)	Type of Fuel	<sup>b</sup> % sulfur content by weight

<sup>a</sup>Report total fuel usage from January to December at end of calendar year.

<sup>b</sup>Report the maximum percent sulfur by weight in the fuel oil no. 2 during the reporting period for which this certification is required.

**COMPLIANCE CERTIFICATION FORM**  
**TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**  
**(PAGE 1 OF 2)**

**[Issuance Date]**

**[Expiration Date]**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following certification at least annually, or more frequently as set by an applicable requirement:

(Make Copies for Future Use)

For Period: \_\_\_\_\_

Date: \_\_\_\_\_

Facility Name: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

Responsible Official (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

Complete the following information for **each** applicable requirement and/or term or condition of the permit that applies to **each** emissions unit at the source. Also include any additional information as required by the director. The compliance certification may reference information contained in a previous compliance certification submittal to the director, provided such referenced information is certified as being current and still applicable.

1. Current permit number: \_\_\_\_\_
2. Emissions Unit No./Description: \_\_\_\_\_
3. Identify the applicable requirement(s), and/or permit term(s) or condition(s) that is/are the basis of this certification:

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4. Compliance status during the reporting period:

- a. Has the emissions unit been in compliance with the identified applicable requirement(s) and/or permit term(s) or condition(s)?

☐ YES

☐ NO

- b. If YES, was compliance continuous or intermittent?

☐ Continuous

☐ Intermittent

**COMPLIANCE CERTIFICATION FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT  
(CONTINUED, PAGE 2 OF 2)**

**[Issuance Date]**

**[Expiration Date]**

c. If NO, explain.

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5. The methods used for determining the compliance status of the emissions unit currently and over the reporting period (e.g., monitoring, recordkeeping, reporting, test methods, etc.):

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Provide a detailed description of the methods used to determine compliance: (e.g., monitoring device type and location, test method description, or parameter being recorded, frequency of recordkeeping, etc.)

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6. Statement of Compliance with Enhanced Monitoring and Compliance Certification Requirements.

a. Is the emissions unit identified in this application in compliance with applicable enhanced monitoring and compliance certification requirements?

☐ YES      ☐ NO

b. If YES, identify those requirements:

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c. If NO, describe below which requirements are not being met:

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**PROPOSED**

**MONITORING REPORT FORM  
VISIBLE EMISSIONS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information **semi-annually**:

(Make Copies for Future Use)

For Period: \_\_\_\_\_

Date: \_\_\_\_\_

Company Name: **Northwest Demolition & Dismantling**

Facility Name: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

### Visible Emissions:

Report all dates and six (6) minute average opacity readings which exceeded the opacity limit during the monthly observations. If there were no exceedances during the monthly observations, then write "No Exceedances" in the comment column.

[illegible]



**VISIBLE EMISSIONS FORM REQUIREMENTS  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

The **Visible Emissions Observation** forms shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with Method 9 or using a Ringelmann Chart as provided. At least **annually** (*calendar year*), visible emissions (V.E.) observations shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The V.E. Observation form shall be completed as follows:

1. Visible emissions observations shall take place during the day only and shall be compared to the Ringelmann Chart provided. The opacity shall be noted in 5 percent increments (e.g., 25%).
2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the V.E. Observation form using the symbols as shown.
3. Stand at least three stack heights, but not more than a quarter mile from the stack.
4. Two consecutive 6-minute observations shall be taken at 15-second intervals for each stack or emission point.
5. The 6-minute average opacity reading shall be calculated for each observation.
6. If possible, the observations shall be performed as follows:
  - a. Read from where the line of sight is at right angles to the wind direction.
  - b. The line of sight shall not include more than one plume at a time.
  - c. Read at the point in the plume with the greatest opacity (e.g., for stacks, at the location without condensed water vapor, ideally while the plume is no wider than the stack diameter).
  - d. Read the plume at 15-second intervals only. Do not read continuously.
  - e. The equipment shall be operating at maximum permitted or expected capacity.
7. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed V.E. forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five years, and made available to the Department of Health, or its representative upon request.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective V.E. monitoring requirements for the month the performance test is performed.

**VISIBLE EMISSIONS FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

(Make Copies for Future Use)

Company Name: \_\_\_\_\_

Equipment and Fuel: \_\_\_\_\_

**Site Conditions:**

Stack height above ground (ft): \_\_\_\_\_

Stack/emission-point distance from observer (ft): \_\_\_\_\_

Emission color (black or white): \_\_\_\_\_

Sky conditions (% cloud cover): \_\_\_\_\_



Wind speed (mph): \_\_\_\_\_

Temperature (°F): \_\_\_\_\_

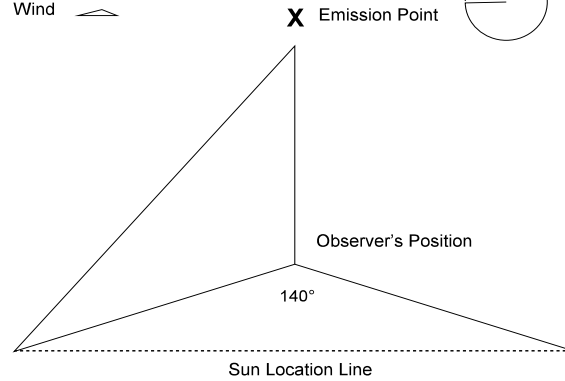
Observer name: \_\_\_\_\_

Certified? (Yes/No): \_\_\_\_\_

Capacity equipment operated at: \_\_\_\_\_

Stack **X**  
Sun   
Wind 

Draw North Arrow



Observation Date and Start Time: \_\_\_\_\_

SECONDS	0	15	30	45	COMMENTS
MINUTES					
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: \_\_\_\_\_

SECONDS	0	15	30	45	COMMENTS
MINUTES					
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

**CHANGE OF LOCATION REQUEST  
FOR A TEMPORARY SOURCE  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT**

**[Issuance Date]**

**[Expiration Date]**

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Additional Use)

1. The permittee shall complete this Change of Location Request Form regarding all succeeding location changes and shall submit this form to the Department of Health for approval at least thirty (30) days, or such lesser time as designated and approved by the Department of Health, prior to the change in location.
2. The permittee shall submit a location map of the new temporary location containing the following information:
  - a. Identification of the property/fence lines.
  - b. Location of all structures within 325 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment.
3. The permittee shall submit a filing fee with each change in location request. The filing fee shall be made payable to the **Clean Air Special Fund** and is as follows:

_____ Noncovered Sources _____	_____ Covered Sources _____
_____ \$ 50.00 for Non-Air Toxic _____	_____ X _____ \$100.00 for Non-Air Toxic _____
_____ \$100.00 for Air Toxic _____	_____ \$300.00 for Air Toxic _____

4. The permittee shall submit any additional information as requested by the Department of Health.
5. This Notification Form shall be mailed to the following address:

\_\_\_\_\_  
**CLEAN AIR BRANCH  
ENVIRONMENTAL MANAGEMENT DIVISION  
HAWAII DEPARTMENT OF HEALTH  
P.O. Box 3378  
Honolulu, HI 96801-3378**

**(808) 586-4200**

1. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.
2. At each new authorized location, the permittee shall operate in accordance with the current temporary covered source permit and all applicable requirements.

**CHANGE OF LOCATION REQUEST  
FOR A TEMPORARY SOURCE  
TEMPORARY COVERED SOURCE PERMIT NO. 0547-01-CT  
(CONTINUED, PAGE 2 OF 2)**

**[Issuance Date]**

**[Expiration Date]**

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Additional Use)

1. Company Name: \_\_\_\_\_
2. Facility Name (if different from the Company): \_\_\_\_\_
3. Mailing Address: \_\_\_\_\_  
 \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_
4. Name of Owner/Owner's Agent: \_\_\_\_\_  
 Title: \_\_\_\_\_ Phone: \_\_\_\_\_
5. Equipment Description: \_\_\_\_\_
6. Current Equipment Location: \_\_\_\_\_
7. **New Equipment Location:** \_\_\_\_\_  
 a. Plant site manager or other contact, if different than Current contact:  
 \_\_\_\_\_  
 b. Phone Number: \_\_\_\_\_  
 c. Proposed start date at *New Location*: \_\_\_\_\_  
 d. Estimated project duration: \_\_\_\_\_
8. Brief description of the work to be performed. Also identify other air pollution sources owned and operated by the permittee at the new location, if any.:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print name): \_\_\_\_\_ Date: \_\_\_\_\_  
 Title of Responsible Official: \_\_\_\_\_  
 Responsible Official (Signature): \_\_\_\_\_